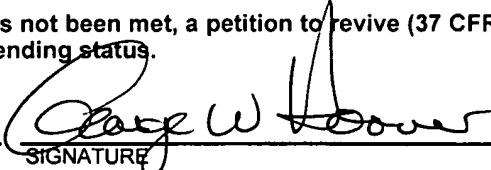


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|--|--|--|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>37261P121<br>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/593174</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/NZ2005/000046   | INTERNATIONAL FILING DATE<br>18 March 2005 | PRIORITY DATE CLAIMED<br>03/18/2004  |
| TITLE OF INVENTION<br>a pump   |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Robert Donald Grapes  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<br>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<br>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).<br>Items 11 to 20 below concern document(s) or information included:<br>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input checked="" type="checkbox"/> A preliminary amendment.<br>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.<br>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)).<br>20. <input checked="" type="checkbox"/> Other items or information.<br><u>return postcard; priority request; formal drawings transmittal; 3 sheets of 7 figures; copy of PCT/IB/301;</u><br><u>international search report; written opinion of the ISA; <i>linked up claims</i></u> |  |  |

|   |   |   |  |                                       |              |
|---|---|---|--|---------------------------------------|--------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/593174</b>   |   | INTERNATIONAL APPLICATION NO.<br>PCT/NZ2005/000046                            |  | ATTORNEY'S DOCKET NUMBER<br>37261P121 |              |
| The following fees have been submitted  |   |   |  | CALCULATIONS                          | PTO USE ONLY |
| 21.   | <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....  | \$300   | \$   | 300.00                                |              |
| 22.   | <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))<br>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4) .... \$0<br>All other situations ..... \$200   | \$200   | \$   | 200.00                                |              |
| 23.   | <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))<br>If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4)..... \$0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100<br>International Search Report Prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400<br>All other situations ..... \$500 |   |  | 400.00                                |              |
| TOTAL OF 21, 22 and 23 =  |   |   | \$   | 900.00                                |              |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  |   |   |  |                                       |              |
| Total Sheets  | Extra Sheets  | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE   |                                       |              |
| 20 - 100 =  | -80 / 50 =  |   | x  | \$                                    |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |   |   |  | \$                                    |              |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA  | RATE   |                                       |              |
| Total claims  | 18- 20 =  | 0   | x 50   | \$                                    | 0.00         |
| Independent claims  | 1 - 3 =   | 0   | x 200  | \$                                    | 0.00         |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |   |   | + 360  | \$                                    | 360.00       |
| TOTAL OF ABOVE CALCULATIONS =   |   |   |  | \$                                    | 1260.00      |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees are reduced by 1/2.   |   |   |  | \$                                    | 1260.00      |
| SUBTOTAL =  |   |   |  | \$                                    | 630.00       |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/>  |   |   |  | \$                                    |              |
| TOTAL NATIONAL FEE =  |   |   |  | \$                                    | 630.00       |
| Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |   |   |  | \$                                    |              |
| Other fee (specify):  |   |   |  |                                       |              |
| TOTAL FEES ENCLOSED =   |   |   |  | \$                                    | 630.00       |
| Amount to be refunded:  |   |   |  | / / / / /                             | \$           |
| charged:  |   |   |  | / / / / /                             | \$           |
| <p>a. <input checked="" type="checkbox"/> A check(s) in the amount of \$ <u>630.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-2666</u> in the amount of \$ <u>630.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-2666</u>. A duplicate copy of this sheet is enclosed.</p> |   |   |  |                                       |              |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b) must be filed and granted to restore the application to pending status.   |   |   |  |                                       |              |
| 9/15/06   |   |   |  |                                       |              |
| DATE  |   |   | SIGNATURE  |                                       |              |
| SEND ALL CORRESPONDENCE TO:<br>Blakely, Sokoloff, Taylor & Zafman LLP<br>12400 Wilshire Boulevard, 7th Floor<br>Los Angeles, CA 90025<br>Telephone: (310) 207-3800  |   |   | George W Hoover<br>NAME  |                                       |              |
|   |   |   | 32,992<br>REGISTRATION NUMBER  |                                       |              |

10/593174

Our Ref. No.: 037261.P121

Express Mail #: EV889758670US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                       |   |           |
|-----------------------|---|-----------|
| In re Application of: | ) |           |
|                       | ) |           |
| Robert Donald Grapes  | ) | Examiner: |
|                       | ) |           |
| Serial No.:           | ) | Art Unit: |
|                       | ) |           |
| Filed:                | ) |           |
|                       | ) |           |
| For: A PUMP           | ) |           |

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

REQUEST UNDER 37 C.F.R. § 1.32(c)(3) FOR RECOGNITION OF A  
MAXIMUM OF TEN PRACTITIONERS FROM THOSE NAMED IN  
DECLARATION AND POWER OF ATTORNEY

Sir:

Accompanying this Request is a Declaration and Power of Attorney that names more than ten patent practitioners. In accordance with 37 C.F.R. § 1.32(c)(3), applicant(s) hereby request that the following patent practitioners (maximum of ten) from those named in that Declaration and Power of Attorney be recognized by the U.S. Patent and Trademark Office as being of record for the patent application to which the Declaration and Power of Attorney is directed:

| Attorney               | Reg. No. | Attorney           | Reg. No. |
|------------------------|----------|--------------------|----------|
| Farzad E. Amini        | 42,261   | George W Hoover II | 32,992   |
| William Thomas Babbitt | 39,591   | Eric S. Hyman      | 30,139   |
| Thomas M. Coester      | 39,637   | Steven Laut        | 47,736   |
| Angelo J. Gaz          | 45,907   | Joseph Lutz        | 43,765   |
| Stacie Sundquist       | 53,654   | Tong-Jyh Lee       | 48,582   |

If there are any additional charges, please charge Deposit Account No. 02-2666.

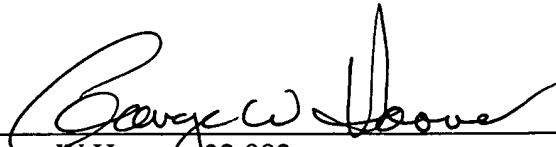
IAP16 Rec'd PCT/PTO 15 SEP 2006

10/593174

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 9/15/06

  
George W Hoover 32,992

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, California 90025  
(310) 207-3800

IAP16 Rec'd PCT/PTO 15 SEP 2006

Express Mail No.: EV889758670US

DOCKET NO.: 37261P121

10/593174

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

ROBERT DONALD GRAPES

Application No.:

Filed:

For: a pump

Art Group:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

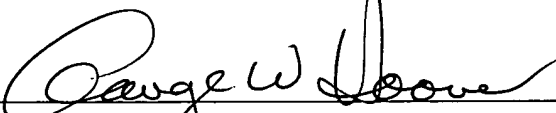
Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 3 sheets including 7 Figures. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

Respectfully submitted,

Blakely, Sokoloff, Taylor & Zafman LLP

Dated:

9/15/06



George W Hoover, Reg. No. 32,992

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (310) 207-3800